PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For rece	iving	Of	fice us	e on	ly	_	 		 _
PCT/EP 2005 International Application No. 2 8 SEP 2005	/ 0	1	0 4	9 ;	7				
Z 8 SEP 2005	(2	8.	09.	05))			
monadona i mig Date								·	 _

EUROPEAN PATENT OFFICE PCT INTERNATIONAL APPLICATION
Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference

f desired) (12 characters maximum	PCT2342JKrva
also inventor	
ddress indicated in this	No.
	Vo.
Teleprinter	No.
Applicant'	s registration No. with the Office
state (that is country) of residence	»:
R) INVENTOR(S)	
indicated below)	is: plicant only
▼ ap	plicant and inventor
inv	rentor only (If this check-box narked, do not fill in below.)
	registration No. with the Office
tate (that is, country) of residence	:
continuation sheet.	
R ADDRESS FOR CORRESP	ONDENCE
ehalf X agent	common representative
1	
	stration No. with the Office
igent or common representative is	/has been empointed and the
	also inventor full official designation. ddress indicated in this indicated below.) Facsimile In Teleprinter Applicant's Applicant's of America of Amer





Sheet No. ...?...

	Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) If none of the following sub-boxes is used, this sheet should not be included in the request.						
r -1	Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this	This person is:				
C-1 C-1	Mr. Otsůka Masanori		x applicant and inventor				
[-] Roler 20182	c/o Kabushiki Kaisha Sato		inventor only (If this check-box				
ZOTEA	9-10 Ebisu 4-Chome Shibuya-Ku, Tokyo		is marked, do not fill in below.)				
	Japan		Applicant's registration No. with the Office				
	State (that is, country) of nationality: Japan	State (that is, country, Japan) of residence:				
	This person is applicant all designated States all designated States all designated States	States except es of America	the United States of America only the States indicated in the Supplemental Box				
	Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is	address indicated in this	This person is:				
SOIE P.	Mr Stefan Schwiers	6	applicant only				
	38B Street, Villa No. 2		applicant and inventor inventor only (If this check-box				
EN IEA	Mirdif, Dubai PO Box 78763	:	is marked, do not fill in below.)				
	United Arab Emirates		Applicant's registration No. with the Office				
		State (that is, country) United Arab Ei					
	This person is applicant all designated for the purposes of:	tates except es of America	the United States indicated in the Supplemental Box				
	Name and address: (Family name followed by given name; for a legal entity, The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is	address indicated in this	This person is:				
o IEP	Mr. Kumabayashi Tomoyuki		applicant and inventor				
T1	c/o Kabushiki Kaisha Sato 9-10 Ebisu 4-Chome		inventor only (If this check-box				
20 (BP	Shibuya-Ku, Tokyo	-	is marked, do not fill in below.)				
	Japan		Applicant's registration No. with the Office				
	State (that is, country) of nationality: Japan	State (that is, country) Japan	of residence:				
	This person is applicant for the purposes of: all designated the United States all designated the United States		he United States the States indicated in the Supplemental Box				
	Name and address: (Family name followed by given name; for a legal entity, j The address must include postal code and name of country. The country of the a Box is the applicant's State (that is, country) of residence if no State of residence is	ddress indicated in this	This person is:				
ELL E	Mr.Klaus(Horn J		applicant and inventor				
	Am Hochsitz 7		inventor only (If this check-box				
LI IEA	42113 Wuppertal Germany	1	is marked, do not fill in below.)				
	Communy		Applicant's registration No. with the Office				
		state (that is, country) of Germany	of residence:				
	This person is applicant all designated States all designated St. the United States		the United States the States indicated in the Supplemental Box				
	Further applicants and/or (further) inventors are indicated on a	nother continuation sl	neet.				

Sheet No. ...3.

Box No. V DESIGNATIONS						
The filing of this request co	onstitutes under Rule 4.9(a), t	he designation of all Cont	tracting States bound by t	he PCT on the international		
However,	every kind of protection availa	able and, where applicable	, for the grant of both re	gional and national patents.		
l	designated for any kind of nati	ional protection				
l —	ea is not designated for any ki	_				
	on is not designated for any k	<u>-</u>				
the hallonal law, of an earth	ry be used to exclude (irrevocab ier national application from w ns in these and certain other S	inion priority is claimed. S	rned in order to avoid the See the Notes to Box No.	ceasing of the effect, under V as to the consequences of		
Box No. VI PRIORITY	/ CLAIM					
The priority of the followin	g earlier application(s) is hereb	by claimed:				
Filing date	Number		Where earlier application	is		
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:*	international application: receiving Office		
item (1) 30/05/05)	2005-098062	JP	:			
30 MAY 2005						
item (2) (22/10/04) 27 OCT. 2004	04077912.6		EF[6-]			
item (3)						
Further priority claims	are indicated in the Supplemen	ntal Box.				
The receiving Office is required the earlier application was final above as:	ested to prepare and transmit to iled with the Office which for th	o the International Bureau a ne purposes of this internati	a certified copy of the ear	lier application(s) (only if cetving Office) identified		
	em (1) item (2)	item (3)	other, se	e Supplemental Box		
* Where the earlier applicati	ion is an ARIPO application, in Tember of the World Trade Org	dicate at least one country				
	······	which that ea	uruer appucation was file	ed (Rule 4.10(b)(ii)):		
Box No. VII INTERNAT	TIONAL SEARCHING AUT	HORITY				
Choice of International Sec	arching Authority (ISA) (if the	yo or more International Se	arching Authorities are c	ompetent to carry out the		
ISA / EP	the Authority chosen; the two-	letter code may be used):				
Request to use results of ea	rlier search; reference to the	at search <i>(if an earlier sea</i>	rch has been carried out	hu or requested from the		
International Searching Author Date (day/month/year)	o <i>rity):</i> Numbe			by or requested from the		
13/04/05		77040 0 4040	y (or regional Office) PO			
Box No. VIII DECLARATIONS						
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of check-boxes below and indicate in the right column the number of each type of declaration): Number of declarations						
Box No. VIII (i) Declaration as to the identity of the inventor						
Box No. VIII (ii)	Declaration as to the applicated date, to apply for and be grant	nt's entitlement, as at the i	nternational filing	:		
Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application						
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America)						
Box No. VIII (v)	Declaration as to non-prejudi	icial disclosures or exception	ons to lack of novelty			

Sheet No. ...4

This international application contains: (a) on paper, the following number of	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in	Number of items
sheets:	right column the number of each item): 1.	: 1
request (including declaration sheets) : 4	2. original separate power of attorney	
description (excluding	3. original general power of attorney	:
sequence listing and/or tables related thereto) 22	4. copy of general power of attorney; reference number,	
claims : 5	if any:	. :
abstract : 1	5. statement explaining lack of signature	:
drawings : 10	6. priority document(s) identified in Box No. VI as item(s):	. :
Sub-total number of sheets: 42 43 sequence listing:	7. Translation of international application into (language):	. :
tables related thereto : (for both, actual number of	8. separate indications concerning deposited microorganism or other biological material	:
sheets if filed on paper, whether or not also	9. sequence listing in electronic form (indicate type and number of carriers)	
filed in electronic form; see (c) below)	(i) copy submitted for the purposes of international search und Rule 13ter only (and not as part of the international applicat	er
Total number of sheets : 42 [43]	(ii) (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for	
(b) only in electronic form (Section 801(a)(i))	purposes of international search under Rule 13ter (iii) together with relevant statement as to the identity of the copcopies with the sequence listing mentioned in left column	:
(i) ☐ sequence listing (ii) ☐ tables related thereto	10. tables in electronic form related to sequence listing	:
(c) also in electronic form (Section 801(a)(ii)) (i) sequence listing	 (indicate type and number of carriers) (i) ☐ copy submitted for the purposes of international search und 	er .
(ii) tables related thereto	Section 802(b-quater) only (and not as part of the internation application) (ii) (only where check-box (b)(ii) or (c)(ii) is marked in left column	:
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	additional copies including, where applicable, the copy for purposes of international search under Section 802(b-quate)	the r) :
sequence listing:	(iii) together with relevant statement as to the identity of the cop copies with the tables mentioned in left column	y or .
tables related thereto: (additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	11. other (specify):	. :
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: English	
BOY NO. Y SIGNATURE OF APPLICANT	r, AGENT OR COMMON REPRESENTATIVE	
Next to each signature, indicate the name of the person sign	ning and the capacity in which the person signs (if such capacity is not obvious from read	ing the request).
Munich, 28.09.2005	(J. Koch)	
	For receiving Office use only	
 Date of actual receipt of the purported international application: 	Z O SEP 2005 / 2 0 00 00 1	awings:
	(eceived:
 Corrected date of actual receipt due to later by timely received papers or drawings completing the purported international application: 	ng	
	n	ot received:
4. Date of timely receipt of the required corrections under PCT Article 11(2):		
4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid	,
corrections under PCT Article 11(2): 5. International Searching Authority		

PCT

REQUEST

For receiving Office use only	—
International Application No.	
International Filing Date	
Name of receiving Office and "PCT International Application"	•

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.	Name of receiving Off	ice and "PCT Int	emational Application"
	Applicant's or agent's (if desired) (12 charact		PCT2342JKrva
Box No. I TITLE OF INVENTION LABEL			
Box No. II APPLICANT This person	n is also inventor	·	
Name and address: (Family name followed by given name; for a legal ent The address must include postal code and name of country. The country of i Box is the applicant's State (that is, country) of residence if no State of residen	he address indicated in this	Telephone No.	
KABUSHIKI KAISHA SATO 9-10 EBISU 4-CHOME		Facsimile No.	
SHIBUYA-KU, TOKYO JAPAN		Teleprinter No.	
		Applicant's regi	stration No. with the Office
State (that is, country) of nationality:	State (that is, country)	of residence:	
This person is applicant for the purposes of: all designated States all designated the United St	d States except tates of America	the United States of America only	the States indicated in the Supplemental Box
Box No. III FURTHER APPLICANT(S) AND/OR (FURTI	HER) INVENTOR(S)		
Name and address: (Family name followed by given name; for a legal enti- The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence of the State of Sta	he address indicated in this	invento is mark	nt only nt and inventor r only (If this check-box ed, do not fill in below.) stration No. with the Office
State (that is, country) of nationality: USA	State (that is, country) USA	of residence:	
This person is applicant for the purposes of: all designated all designated the United St		the United States of America only	the States indicated in the Supplemental Box
Further applicants and/or (further) inventors are indicated o	n a continuation sheet.		
Box No. IV AGENT OR COMMON REPRESENTATIVE;	OR ADDRESS FOR	CORRESPOND	ENCE
The person identified below is hereby/has been appointed to act of the applicant(s) before the competent International Authorities	n behalf as:	agent	common representative
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of co		Telephone No. +49 89 212	2350
Grünecker, Kinkeldey, Stockmair & Schwanh	äusser	Facsimile No. +49 89 220	1287
Maximilianstraße 58 80538 München	Teleprinter No.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Germany		Agent's registrati	ion No. with the Office
Address for correspondence: Mark this check-box where respace above is used instead to indicate a special address to version of the control o	no agent or common repr vhich correspondence sh	resentative is/has	been appointed and the

Sheet No. ...?...

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) If none of the following sub-boxes is used, this sheet should not be included in the request.					
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) This person is: applicant only					
Mr. Otsuka Masanori c/o Kabushiki Kaisha Sato	applicant and inventor inventor only (If this check-box				
9-10 Ebisu 4-Chome Shibuya-Ku, Tokyo Japan	Applicant's registration No. with the Office				
State (that is, country) of nationality: Japan	State (that is, country) of residence: Japan				
	d States except attes of America only the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity. The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence.	e address indicated in this				
Mr. Stefan Schwiers 38B Street, Villa No. 2	applicant and inventor inventor only (If this check-box				
Mirdif, Dubai PO Box 78763 United Arab Emirates	is marked, do not fill in below.)				
	Applicant's registration No. with the Office				
State (that is, country) of nationality: Germany	State (that is, country) of residence: United Arab Emirates				
	States except ates of America only the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entit The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	e address indicated in this				
Mr. Kumabayashi Tomoyuki c/o Kabushiki Kaisha Sato	applicant and inventor inventor only (If this check-box				
9-10 Ebisu 4-Chome Shibuya-Ku, Tokyo	is marked, do not fill in below.)				
Japan	Applicant's registration No. with the Office				
State (that is, country) of nationality: Japan	State (that is, country) of residence: Japan				
This person is applicant for the purposes of: all designated States all designated the United States	States except the United States the States indicated in the Supplemental Box				
Name and address: (Family name followed by given name; for a legal entity The address must include postal code and name of country. The country of the Box is the applicant's State (that is, country) of residence if no State of residence	address indicated in this				
Mr. Klaus Horn Am Hochsitz 7	applicant and inventor				
42113 Wuppertal Germany	inventor only (If this check-box is marked, do not fill in below.)				
22	Applicant's registration No. with the Office				
State (that is, country) of nationality: Germany	State (that is, country) of residence: Germany				
This person is applicant for the purposes of: all designated the United States all designated the United States					
Further applicants and/or (further) inventors are indicated on	another continuation sheet.				

Sheet No. ...3.

Box No. V DESIGNAT	IONS					
The filing of this request con filing date, for the grant of e	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.					
However,	,					
DE Germany is not de	esignated for any kind of nation	onal protection				
KR Republic of Korea	a is not designated for any kir	nd of national protection				
RU Russian Federatio	n is not designated for any ki	ind of national protection				
the national law, of an earlie	be used to exclude (irrevocable or national application from w is in these and certain other St	hich priority is claimed. S	ned in order to avoid the ee the Notes to Box No. V	ceasing of the effect, under as to the consequences of		
Box No. VI PRIORITY	CLAIM	·				
The priority of the following	earlier application(s) is hereb	y claimed:				
Filing date	Number	v	Vhere earlier application	is:		
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	regional application:* regional Office	international application: receiving Office		
item (1) 30/05/05	2005-098062	JP				
item (2) 22/10/04	04077912		EPC	• · · · · · · · · · · · · · · · · · · ·		
item (3)						
Further priority claims	are indicated in the Supplemen	ntal Box.				
The receiving Office is reque the earlier application was fit above as:	ested to prepare and transmit to led with the Office which for th	o the International Bureau and purposes of this internat	a certified copy of the ear ional application is the re	rlier application(s) (only if eceiving Office) identified		
all items ite	em (1) item (2)	item (3)	other, se	e Supplemental Box		
* Where the earlier applicati Industrial Property or one M	on is an ARIPO application, in Tember of the World Trade Org	dicate at least one country ganization for which that e	party to the Paris Conve arlier application was fil	ntion for the Protection of ed (Rule 4.10(b)(ii)):		
Box No. VII INTERNAT	IONAL SEARCHING AUT	HORITY				
international search, indicate	arching Authority (ISA) (if to the Authority chosen; the two-		earching Authorities are	competent to carry out the		
ISA /				• • • • • • • • • • • • • • • • • • • •		
International Searching Author	• •	-	arch has been carried ou	t by or requested from the		
Date (day/month/year) 13/04/05	Number EP 040		ry (or regional Office) EPO			
Box No. VIII DECLARATIONS						
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of check-boxes below and indicate in the right column the number of each type of declaration): declarations						
Box No. VIII (i)						
Box No. VIII (ii)						
Box No. VIII (iii)						
Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) :						
Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty :						

Sheet No. ...4

Box No. IX CHECK LIST; LANGUAGE (OF FILING .			
This international application contains: (a) on paper, the following number of sheets:	This international application is accompanied by the followin item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	g Number of items		
request (including declaration sheets) : 5	1. fee calculation sheet	: 1		
description (excluding	2. original separate power of attorney	•		
sequence listing and/or	3. original general power of attorney	•		
(abics iciated dicioto)	4. copy of general power of attorney; reference number if any:			
claims : 5	5. statement explaining lack of signature	:		
drawings : 10	6. priority document(s) identified in Box No. VI as			
Sub-total number of sheets: 43	item(s):			
sequence listing : tables related thereto :	(language): 8. separate indications concerning deposited microorga			
(for both, actual number of sheets if filed on paper, whether or not also	or other biological material 9. sequence listing in electronic form	:		
filed in electronic form; see (c) below) —————	(indicate type and number of carriers) (i) copy submitted for the purposes of international se	earch under		
Total number of sheets : 43	Rule 13ter only (and not as part of the internationa (ii) (only where check-box (b)(i) or (c)(i) is marked in left additional copies including, where applicable, the	t column)		
(b) only in electronic form (Section 801(a)(i))	purposes of international search under Rule 13ter	:		
 (i) ☐ sequence listing (ii) ☐ tables related thereto 	(iii) ☐ together with relevant statement as to the identity of copies with the sequence listing mentioned in left of tables in electronic form related to sequence listing			
(c) also in electronic form (Section 801(a)(ii))	(indicate type and number of carriers)			
 (i) ☐ sequence listing (ii) ☐ tables related thereto 	 (i) copy submitted for the purposes of international se Section 802(b-quater) only (and not as part of the application) 	international :		
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the	(ii) (only where check-box (b)(ii) or (c)(ii) is marked in leadditional copies including, where applicable, the purposes of international search under Section 802	copy for the		
sequence listing:	(iii) together with relevant statement as to the identity of	of the copy or		
tables related thereto:	copies with the tables mentioned in left column	:		
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)	The Gallet (specify).	• • • • • • • • • • • • • • • • • • • •		
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: English			
Box No. X SIGNATURE OF APPLICAN	T, AGENT OR COMMON REPRESENTATIVE ning and the capacity in which the person signs (if such capacity is not obvious	from reading the request).		
Iven weach signame, marche he have of the person are	and and employers in the person again (y seem capacity is not device)	yrom rouning mo roquecty.		
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	1.7 🗸			
Munich, 28.09.2005	(J. Koch)			
	— For receiving Office use only			
Date of actual receipt of the purported international application:		2. Drawings:		
••		received: .		
 Corrected date of actual receipt due to later be timely received papers or drawings complete the purported international application: 	ng			
4. Date of timely receipt of the required corrections under PCT Article 11(2):		not received:		
5. International Searching Authority (if two or more are competent): ISA /	6. Transmittal of search copy delayed until search fee is paid			
For International Bureau use only				
Date of receipt of the record copy by the International Bureau:	,			